

## Datasheet: AHP2375

**BATCH NUMBER 134453**

|                      |                                 |
|----------------------|---------------------------------|
| <b>Description:</b>  | GOAT ANTI BOVINE INTERLEUKIN-15 |
| <b>Specificity:</b>  | IL-15                           |
| <b>Format:</b>       | Purified                        |
| <b>Product Type:</b> | Polyclonal Antibody             |
| <b>Isotype:</b>      | Polyclonal IgG                  |
| <b>Quantity:</b>     | 0.1 mg                          |

## Product Details

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                            | <b>Yes</b> | <b>No</b> | <b>Not Determined</b> | <b>Suggested Dilution</b> |
|----------------------------|------------|-----------|-----------------------|---------------------------|
| Flow Cytometry             |            |           | ▪                     |                           |
| Immunohistology - Frozen   |            |           | ▪                     |                           |
| Immunohistology - Paraffin |            |           | ▪                     |                           |
| ELISA                      | ▪          |           |                       | 1ug/ml - 5ug/ml           |
| Immunoprecipitation        |            |           | ▪                     |                           |
| Western Blotting           | ▪          |           |                       | 0.1ug/ml - 2ug/ml         |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**Target Species** Bovine**Product Form** Purified IgG - liquid**Antiserum Preparation** Antisera to bovine interleukin-15 were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.**Buffer Solution** Phosphate buffered saline**Preservative Stabilisers** 0.09% Sodium Azide (NaN<sub>3</sub>)**Approx. Protein** IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Recombinant bovine interleukin-15

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## External Database Links

### UniProt:

[Q28028](#)    [Related reagents](#)

### Entrez Gene:

[281248](#)    IL15    [Related reagents](#)

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## Specificity

**Goat anti Bovine interleukin-15 antibody** recognizes bovine interleukin-15 (IL-15), an 18.6 kDa immunomodulatory glycoprotein expressed by multiple tissues and cell types, which primarily stimulates T lymphocytes, but is also critical for the development and activation of natural killer (NK) cells.

IL-15 shares functional properties with IL-2 and binds with high affinity to the IL-15 receptor (IL-15R), consisting of the IL-15R alpha chain, and also the IL-2Rbeta and common gamma chains used by the IL-2 receptor.

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## ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2375B](#) as the detection reagent. Recombinant Bovine interleukin-15 ([PBP020](#)) may be used as a standard.

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## Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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## Guarantee

12 months from date of despatch

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## Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP237510040>

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## Regulatory

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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